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NOTICE OF ALLOWANCE AND FEE(S) DUE

55694

7590

07/27/2009

DRINKER BIDDLE & REATH (DC) 1500 K STREET, N.W. SUITE 1100 WASHINGTON, DC 20005-1209

EXAMINER				
PHAN, JAMES				
ART UNIT	PAPER NUMBER			
2972				

DATE MAILED: 07/27/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/577.550	03/14/2007	Norio Kurita	46884-5476 (225497)	8196

TITLE OF INVENTION: SHUTTER UNIT AND LASER PROCESSING DEVICE USING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/27/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.					
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WASHINGTON	I, DC 20005-1209								(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO:	RNEY DOCKET NO.	CONFIR	RMATION NO.
10/577,550	03/14/2007	•	Norio Kurita			4688	84-5476 (225497)		8196
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	OUE	PREV. PAID ISSUE	FEE :	TOTAL FEE(S) DUE	1	DATE DUE
nonprovisional	NO	\$1510	\$300		\$0		\$1810		10/27/2009
EXAM		ART UNIT	CLASS-SUBCLASS		Ψ0		φισισ	•	10/2//2009
PHAN,		2872	359-236000						
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PLEASE NOTE: Unl	less an assignee is identi h in 37 CFR 3.11. Comp	A TO BE PRINTED ON I	data will appear on th	he pa g an a	tent. If an assigne assignment. and STATE OR C	OUNT	TRY)		
lease check the appropr	iate assignee category or	categories (will not be pr	rinted on the patent):		Individual 🖵 Co	rporati	on or other private gro	up entity	Government
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OTE: The Issue Fee an	d Publication Fee (if requ	uired) will not be accepted tes Patent and Trademark	d from anyone other th		-				
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10/577,550	03/14/2007	Norio Kurita	46884-5476 (225497)	8196	
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DRINKER BIDI	DLE & REATH (DC		PHAN,	JAMES	
1500 K STREET,	N.W.		ART UNIT	PAPER NUMBER	
SUITE 1100 WASHINGTON, DC 20005-1209			2872 DATE MAILED: 07/27/200	9	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 439 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 439 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)				
	10/577,550	KURITA ET AL.				
Notice of Allowability	Examiner	Art Unit				
	James Phan	2872				
	James i Han	2012				
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm GHTS . This application is	in this application. If not includ nunication will be mailed in due	ed course. THIS			
1. 🛮 This communication is responsive to the supplemental pre	liminary amendment filed 7	<u>//10/09</u> .				
2. \boxtimes The allowed claim(s) is/are <u>8-10</u> .						
3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have		or (f).				
□ Certified copies of the priority documents have □ Certified copies of the priority documents have		on No				
3. ☑ Copies of the certified copies of the priority do			ation from the			
International Bureau (PCT Rule 17.2(a)).	cuments have been receive	su III tilis hational stage applica				
* Certified copies not received:						
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.						
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			NOTICE OF			
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.					
(a) I including changes required by the Notice of Draftspers	on's Patent Drawing Revie	w (PTO-948) attached				
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date						
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment o	or in the Office action of				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			e back) of			
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.						
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 🗖 Notice of L	nformal Patent Application				
 Induce of References Cited (PTO-092) Induce of References Cited (PTO-	<u> </u>	Summary (PTO-413),				
_ ,	Paper No	./Mail Date				
3. ☑ Information Disclosure Statements (PTO/SB/08), 7. ☑ Examiner's Amendment/Comment Paper No./Mail Date 4/09, 2/09, 9/07, 1/07, and 4/06						
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 8. ☐ Examiner's Statement of Reasons for Allowand of Biological Material 9. ☐ Other						



Application No.

Application/Control Number: 10/577,550 Page 2

Art Unit: 2872

DETAILED ACTION

Priority

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 4/09, 2/09, 9/07, 1/07 and 4/06 have been considered by the examiner.

Additional Prior Art Cited

Harmon discloses a photometric apparatus comprising a beam shutter having at least an inclined reflective surface (76, Fig. 5).

Drawings

The drawings filed 3/14/07 are acceptable.

Examiner's Amendment

An examiner's amendment to the record appears below to provide a proper antecedent basis for "said axis line" recited in claim 8. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

In claim 8, line 3, "the axis line" has been changed to --an axis line--.

Allowable Subject Matter

Claims 8-10 allowed.

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Art Unit: 2872

The following is an examiner's statement of reasons for allowance: None of the cited prior art, alone or in combination, teaches or suggests a shutter unit comprising a structure and arrangement as defined in claim 8; particularly, "said drive motor is disposed outside a housing accommodating said rotating member and said optical absorption member, said optical absorption member is disposed on inside wall of said housing in the opposite side of said drive motor across said optical axis, said laser beam entering said housing enters said optical absorption member when said reflective surface closes the optical path of said laser beam by the drive of said drive motor, and passes said opening when said reflective surface opens the optical path of said laser beam by the drive of said drive motor." (claim 8, last eight lines) in combination with the remaining features recited in the claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Phan whose telephone number is (571) 272-2317. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephone B. Allen can be reached on (571) 272-2434. The fax phone

Application/Control Number: 10/577,550 Page 4

Art Unit: 2872

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/James Phan/ James Phan Primary Examiner Art Unit 2872

July 2009